

Fig. 1A

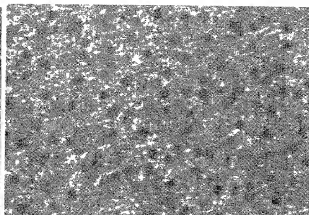


Fig. 1B

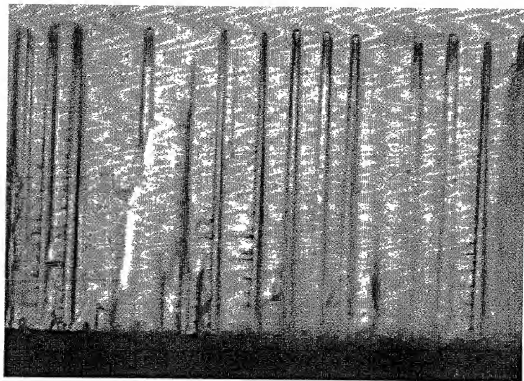


Fig. 2

09839755-041901

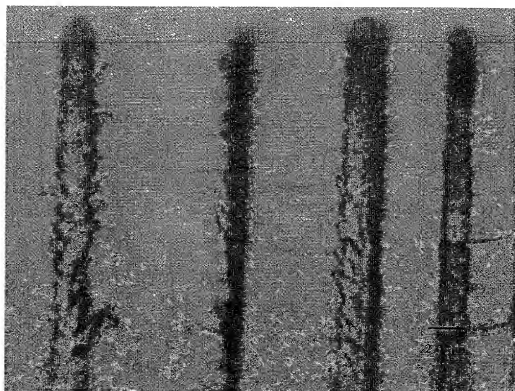


Fig. 3

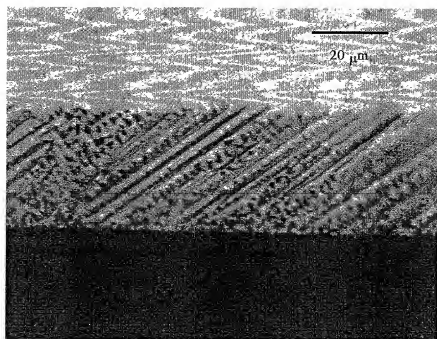


Fig. 4

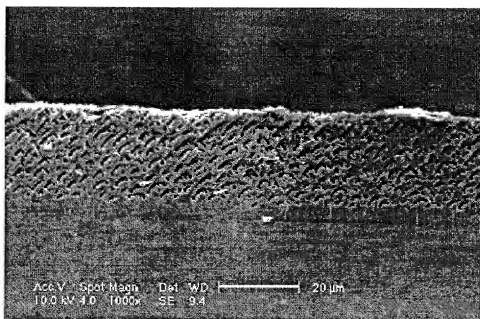


Fig. 5

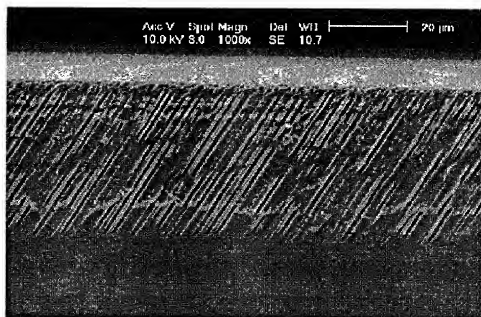
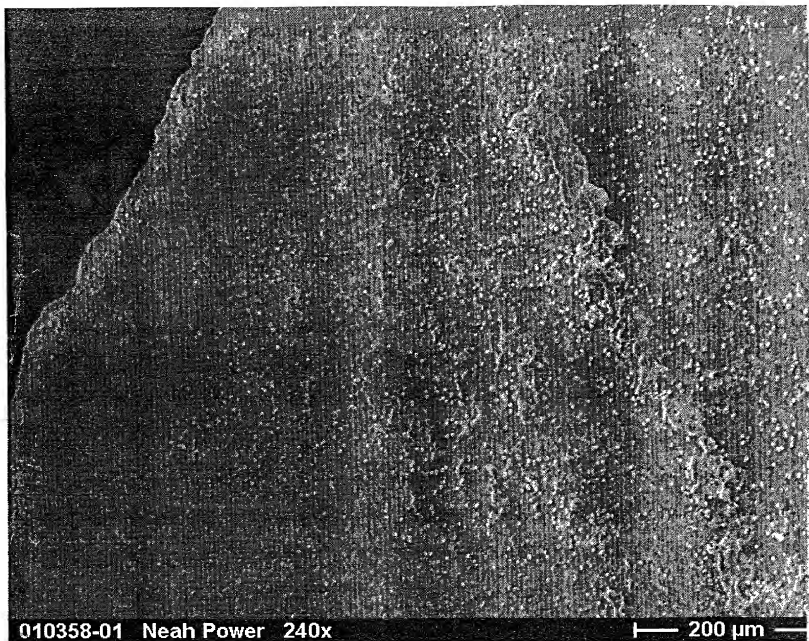


Fig. 6



010358-01 Neah Power 240x

— 200 μ m —

Fig. 7

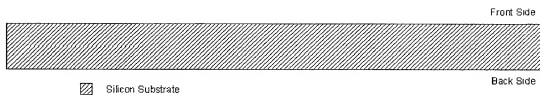


Figure 8

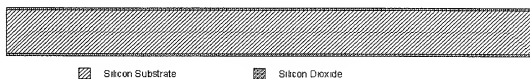


Figure 9

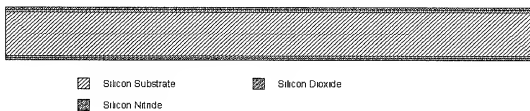


Figure 10

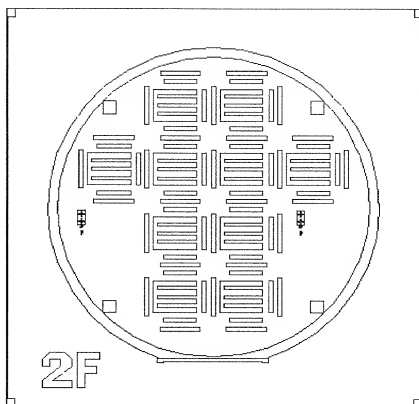
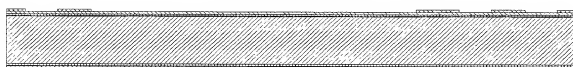


Figure 11A



- | | |
|---|---|
|  Silicon Substrate |  Photoresist |
|  Silicon Nitride |  Silicon Dioxide |

Figure 11B



Figure 12

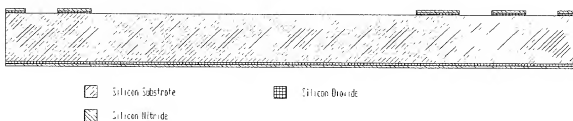


Figure 13

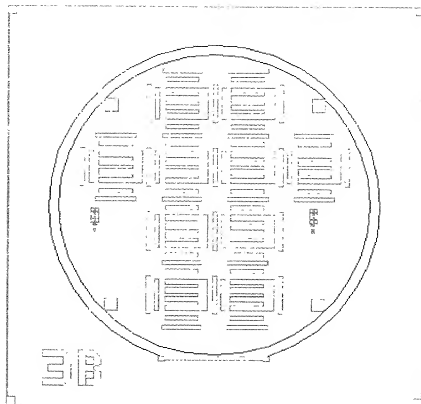


Figure 14A

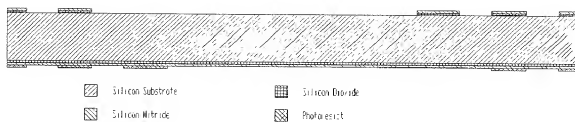


Figure 14B



Figure 15

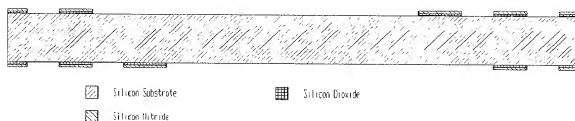


Figure 16

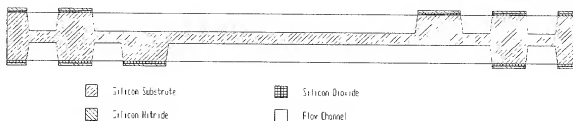


Figure 17

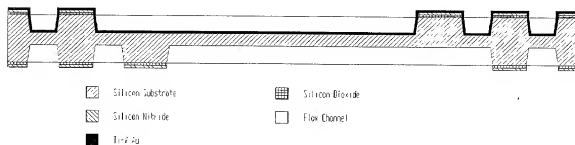


Figure 18

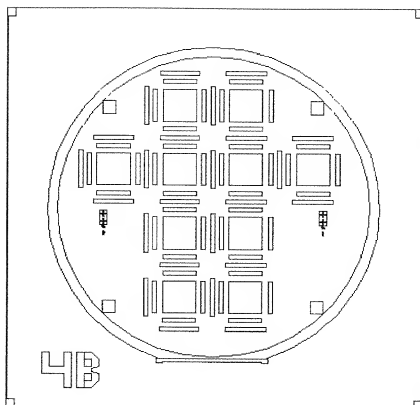


Figure 19A

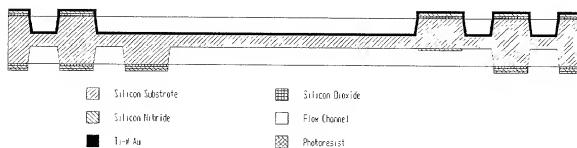


Figure 19B

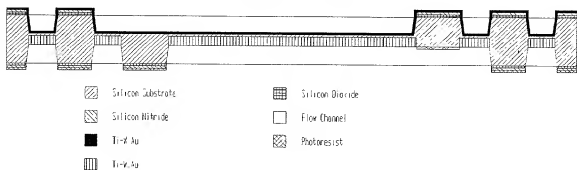


Figure 20

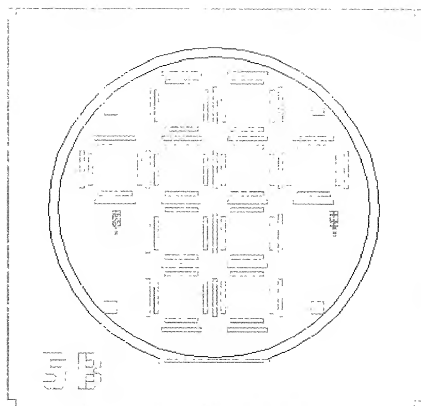


Figure 21A

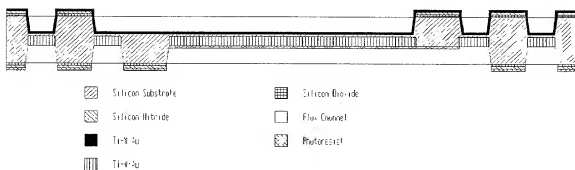


Figure 21B

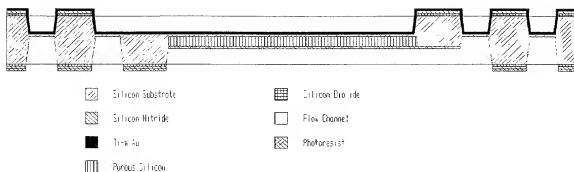


Figure 22

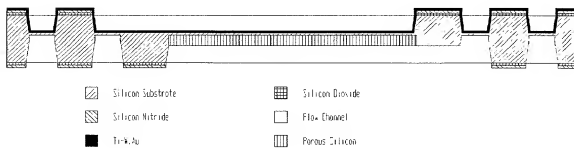


Figure 23

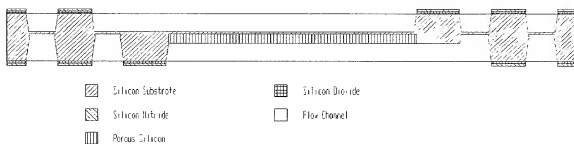


Figure 24

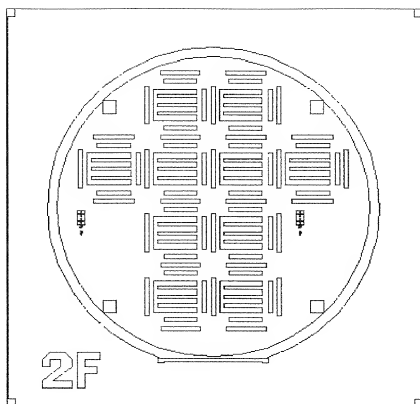


Figure 25A

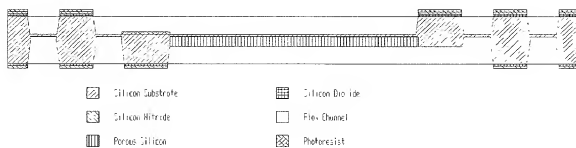


Figure 25B

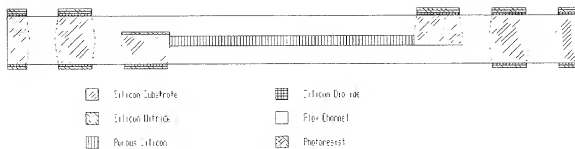


Figure 26

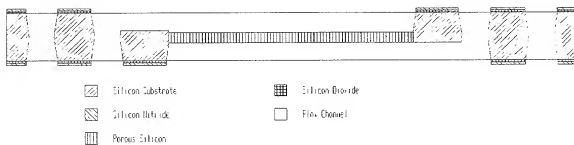


Figure 27

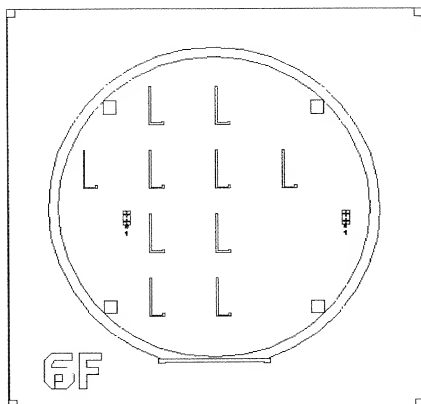


Figure 28A

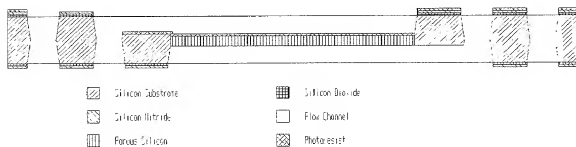


Figure 28B

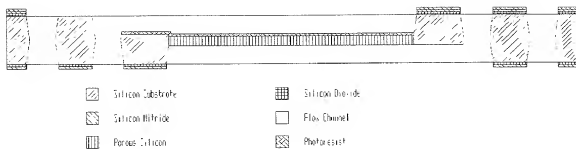


Figure 29

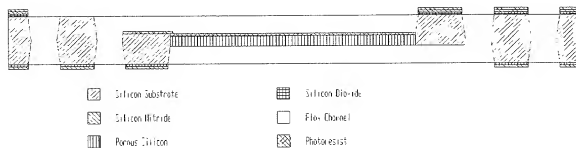


Figure 30

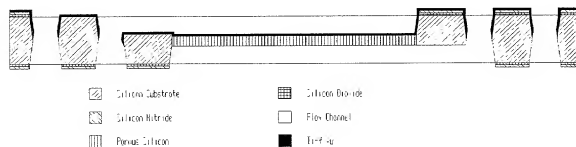


Figure 31

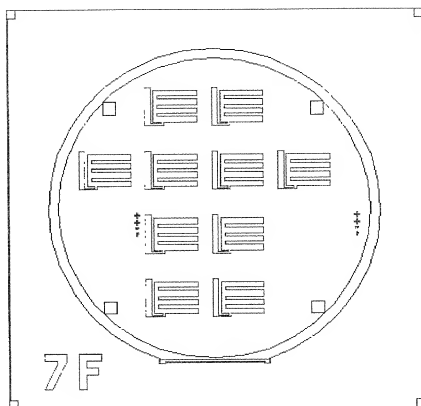


Figure 32A

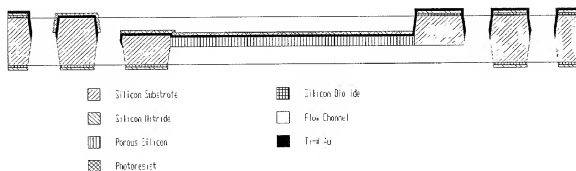


Figure 32B

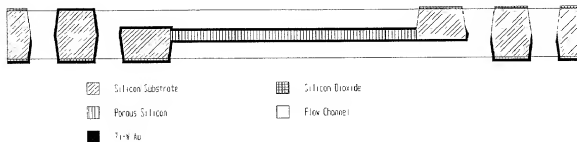


Figure 36

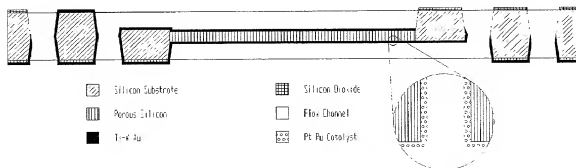


Figure 37

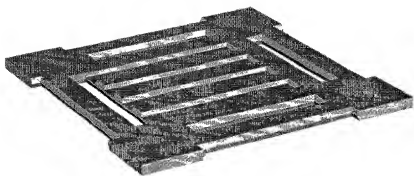


Figure 38A

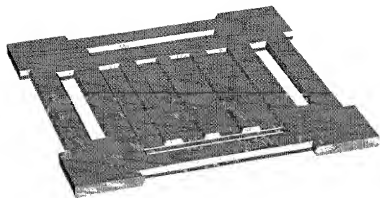
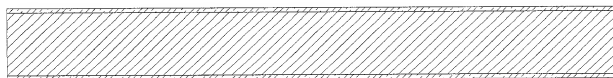


Figure 38B



 Silicon Substrate

***Figure* 39**



 Silicon Substrate

 Silicon Nitride

***Figure* 40**

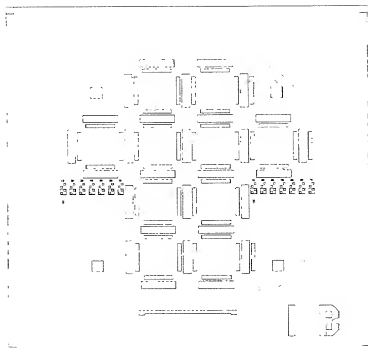
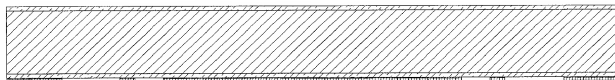
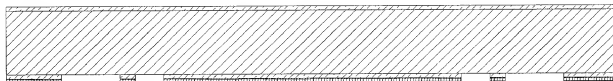


Figure 41A



-  Silicon Substrate
-  Silicon Nitride
-  Photo Resists

Figure 41B

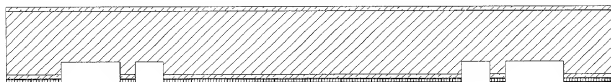


 Silicon Substrate

 Silicon Nitride

 Photo Resists

Figure 42

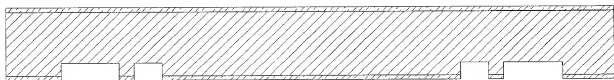


 Silicon Substrate

 Silicon Nitride

 Photo Resists

Figure 43





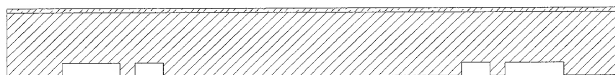
-  Silicon Substrate
-  Silicon Nitride

Figure 44





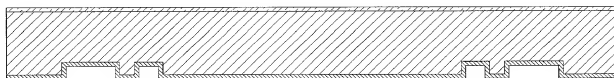
-  Silicon Substrate
-  Silicon Nitride

Figure 45






-  Silicon Substrate
-  Silicon Nitride
-  Aluminum Contact

Figure 46

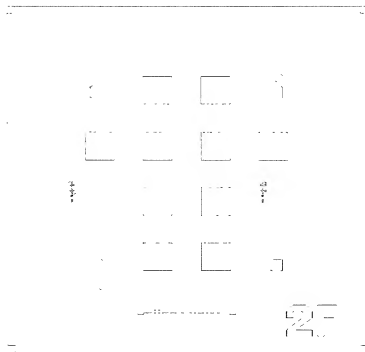


Figure 47A







- | | | | |
|---|-------------------|---|---------------|
|  | Silicon Substrate |  | Photo Resists |
|  | Silicon Nitride | | |
|  | Aluminum Contact | | |

Figure 47B







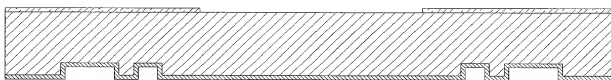
-  Silicon Substrate
-  Photo Resists
-  Silicon Nitride
-  Aluminum Contact

Figure 48






-  Silicon Substrate
-  Silicon Nitride
-  Aluminum Contact

Figure 49







- | | | | |
|---|-------------------|---|----------------|
|  | Silicon Substrate |  | Porous Silicon |
|  | Silicon Nitride | | |
|  | Aluminum Contact | | |

Figure 50






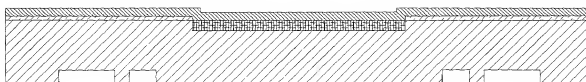
- | | | | |
|---|-------------------|---|----------------|
|  | Silicon Substrate |  | Porous Silicon |
|  | Silicon Nitride | | |

Figure 51



 Silicon Substrate

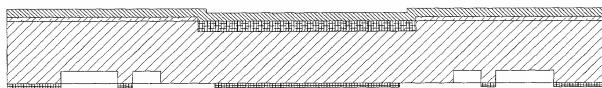
 Aluminum Contact

 Silicon Nitride

 Porous Silicon

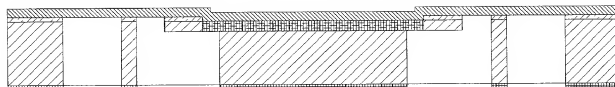
Figure 52

Figure 53A



- | | |
|---|--|
|  Silicon Substrate |  Aluminum Contact |
|  Silicon Nitride |  Porous Silicon |
|  Photo Resists | |

Figure 53B



- | | |
|---|--|
|  Silicon Substrate |  Aluminum Contact |
|  Silicon Nitride |  Porous Silicon |
|  Photo Resists | |

Figure 54



- | | |
|---|--|
|  Silicon Substrate |  Aluminum Contact |
|  Silicon Nitride |  Porous Silicon |

Figure 55

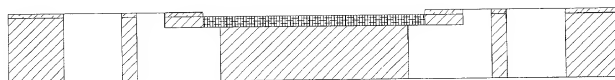


Figure 56

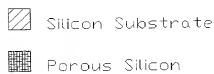
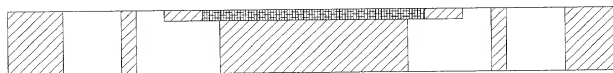


Figure 57

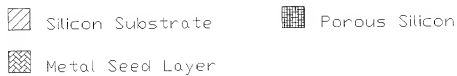


Figure 58

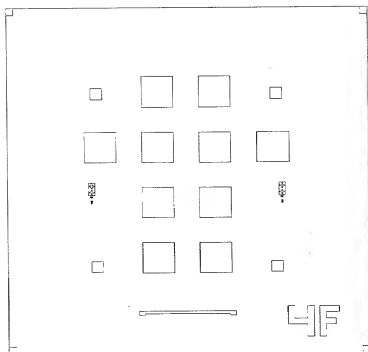


Figure 59A







- | | |
|---|--|
|  Silicon Substrate |  Photo Resists |
|  Metal Seed Layer |  Porous Silicon |

Figure 59B






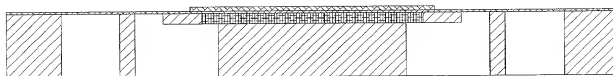
- | | |
|---|--|
|  Silicon Substrate |  Photo Resists |
|  Pd Layer |  Porous Silicon |

Figure 60

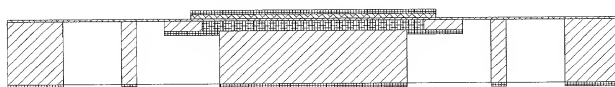


- | | |
|---|--|
|  Silicon Substrate |  Porous Silicon |
|  Pd Layer | |

Figure 61

09339786-01404
FIG. 10-9826860

Figure 62A







- | | |
|---|--|
|  Silicon Substrate |  Porous Silicon |
|  Pd Layer |  Photo Resists |

Figure 62B



 Silicon Substrate

 Porous Silicon


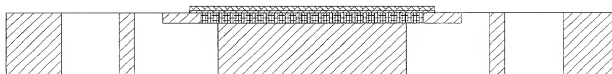
 Pd Layer

 Photo Resists

Figure 63



 Silicon Substrate

 Porous Silicon

 Pd Layer

Figure 64

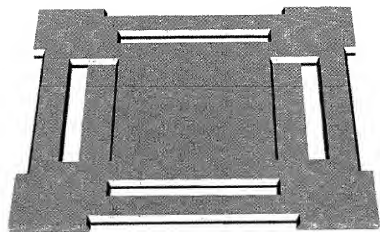


Fig. 6SA

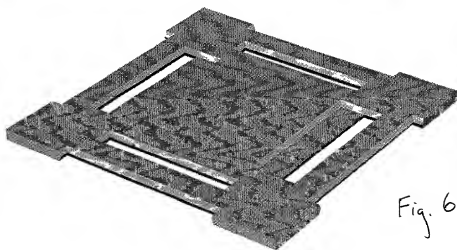


Fig. 6SB

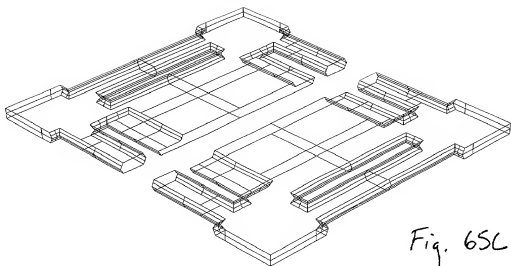


Fig. 6SC